



A31222-PCT-USA - 070050.1227 PATENT

## N THE UNITED STATES PATENT AND TRADEMARK OFFICE

: Stephen Jacobs et al.

Serial No.

: 09/530,085

Examiner:

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TRANSMISSION CONTROL FOR MINIMIZING CONGESTION IN DIGITAL COMMUNICATIONS NETWORKS

**GROUP 2700** 

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<u>INFORMATION DISCLOSURE STATEMENT</u>

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail on

August 7, 2000 in an envelope addressed to:

Assistant Commissioner for Patents, Washington, D.C. 20231

Paul A Ragusa

Registration Number

**Assistant Commissioner for Patents** 

**BOX PCT** 

Washington, D.C. 20231

Sir:

Applicants wish to bring to the attention of the Examiner and have made of record in the above-identified application all the references listed on the enclosed Form PTO-1449.

The following United States Patents were cited in the International Search Report:

- U.S. Patent No. 5,115,309 granted May 19, 1992 to Hang
- U. S. Patent No. 5,313,454 granted May 17, 1994 to Bustini et al.
- U. S. Patent No. 5,457,687 granted October 10, 1995 to Newman
- U.S. Patent No. 5,490,252 granted February 6, 1996 to Macera et al.
- U.S. Patent No. 5,526,350 granted June 11, 1996 to Gittins et al.
- U. S. Patent No. 5,557,321 granted September 17, 1996 to Krebs

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- U. S. Patent No. 5,592,470 granted January 7, 1997 to Rudrapatna et al.
- U. S. Patent No. 5,602,830 granted February 11, 1997 to Fichou et al.
- U.S. Patent No. 5,627,970 granted May 6, 1997 to Keshav

Information Sciences Institute, "Transmission Control Protocol", DARPA INTERNET PROGRAM PROTOCOL SPECIFICATION, (1981) pp.1-13.

J. Long et al., "Video Demands New and Different Transport Protocols", *Computer Technology Review*, (1994) pp. 41-43.

A Eleftherladis et al, "Meeting Arbitrary QoS Constraints Using Dynamic Rate Shaping of Coded Digital Video", Proceedings, 5th International Workshop on Network and Operating System Support for Digital Audio and Video, Durham, N.H., (1995) pp. 95-106.

A. Ferrandiz et al., "Will Available Bit Rate (ABR) Services Give Us the Capability to Offer Virtual LANs Over Wide Area ATM Networks?", *Proc. SPIE - Int'l. Soc. for Optical Eng'g.* Vol. 2608, (1995) pp. 64-74.

A. Eleftheriadis et al., "Constrained and General Dynamic Rate Shaping of Compressed Digital Video", *Proceedings, 2nd IEEE Int'l. Conf. on Image Processing*, Wash. D.C., (1995) pp. 396-399.

- D. Comer, "Internetworking with TCP/IP, 3rd Edition, Simon & Schuster, (1995), pp. 191-230.
- Z. Chen et al, "Real Time Video and Audio in the World Wide Web", World Wide Web Journal, Vol. 1, (1996), pp. 1-12.
- W. Stevens, "TCP SlowStart, Congestion Avoidance, Fast Retransmit, and Fast Recovery Algorithms Request for Comments 2001", (1997) pp. ---.

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inclosed are copies of these references also enclosed is a copy of the search

The Commissioner is hereby authorized to charge any fee and credit any overpayment necessitated by this communication to Deposit Account No. 02-4377.

Respectfully submitted,

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Attorney for Applicants

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